

APPENDIX 4E RECREATIONAL FACILITIES STANDARDS

Recreational and Sports Facility	Maximum Footcandles*	
Archery		
Tournament	10	
Recreational	5	
Badminton		
Tournament	30	
Club	20	
Recreational	10	
Baseball	Infield	Outfield
Jr. League	30	20
Regulation		
Major League	150	100
AAA or AA	70	50
A	50	30
Semi-pro and municipal	20	15
Recreational	15	10
Combination – baseball and football	20	15
Basketball		
Regulation	20	
Recreation	10	
Casting Pool and Area, Bait or Fly	Pier – 10, Target – 5	
Croquet		
Tournament	10	
Recreation	5	
Football (index distance from nearest sideline to farthest row of spectators)		
Over 100 ft.	100	
50 ft. to 100 ft.	50	
30 ft. to 50 ft.	30	
Under 30 ft.	20	
No fixed seating	10	
Golf	Green or Tee	Fairways
Courses	5	3 (vertical)
Driving range	10	5 (vertical)
Miniature	10	
Putting green	10	
Playgrounds	5	
Racing		
Auto, Horse, Motorcycle	20	

Recreational and Sports Facility	Maximum Footcandles*	
Bicycle	20	
Rifle & Pistol range		
Firing point, range, target	10, 5, 50 (vertical)	
Rodeos		
Professional, amateur, recreational	50, 30, 10	
Soccer	SEE FOOTBALL	
Softball	Infield	Outfield
Professional or Championship	50	30
Semi-pro	30	20
Industrial league	20	15
Recreational	10	7
Swimming Pools	10	
Tennis Courts		
Tournament	30	
Club	20	
Recreational	10	
Volleyball		
Tournament	20	
Recreational	10	

SOURCE: Illuminating Engineering Society of North America

*All footcandle requirements are in terms of the horizontal plane unless noted.